

EXHIBIT 12

East Ramapo 2013 Trustee Charles: RBV Summary Black Voters

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CML return:	0.0000	N:	10.0000	_Esims:	100.0000
_Ebeta	0.0000	_Esigma:	0.5000	_Erho:	0.5000
_Eisn:	10.0000	resamp:	6.0000		
_GhActual:	1.0000				
_Estval:	1.0000				
_Eeta:	0.0000				
log-likelihood:	9.5257				
ln(mean(Imptce Ratio)):	11.5434				

Maximum likelihood results in scale of estimation (and se's)

Zb0	Zw0	sigB	sigW	rho	etaB	etaW
1.6899	-0.7315	-6.0000	-0.4976	-0.0009	0.0000	0.0000
0.3144	0.7383	10.7274	0.3996	0.5080	0.0000	0.0000

Untruncated psi's

BB	BW	SB	SW	RHO
0.9225	0.0467	0.0025	0.6080	-0.0009

Truncated psi's (ultimate scale)

BB	BW	SB	SW	RHO
0.9225	0.4107	0.0025	0.2675	-0.0044

Aggregate bounds

	BETABB	ETAW
Lower:	0.1409	0.5535
Upper:	0.9911	0.7140

Estimates of Aggregate Quantities of Interest

BETAB	BETAW
0.8968	0.5713
0.0597	0.0113

East Ramapo 2013 Trustee Charles: Turnout Summary Black Voters

** **

CML return:	0.0000	N:	10.0000	_Esims:	100.0000
_Ebeta	0.0000	_Esigma:	0.5000	_Erho:	0.5000
_Eisn:	10.0000	resamp:	5.0000		
_GhActual:	1.0000				
_Estval:	1.0000				
_Eeta:	0.0000				
log-likelihood:	24.9160				
ln(mean(Imptce Ratio)):	27.5661				

Maximum likelihood results in scale of estimation (and se's)

Zb0	Zw0	sigB	sigW	rho	etaB	etaW
-2.4834	-1.1241	-1.2833	-3.0981	0.1034	0.0000	0.0000
2.1536	0.1477	0.8989	0.3084	0.4869	0.0000	0.0000

Untruncated psi's

BB	BW	SB	SW	RHO
-0.3116	0.2167	0.2771	0.0451	0.1030

Truncated psi's (ultimate scale)

BB	BW	SB	SW	RHO
0.1382	0.2172	0.1204	0.0449	0.0400

Aggregate bounds

	BETABB	ETAW
Lower:	0.0000	0.0965
Upper:	0.6491	0.2777

Estimates of Aggregate Quantities of Interest

BETAB	BETAW
0.1586	0.2334
0.0425	0.0119